

Claims

[c1] What is claimed is:

1. An adjusting apparatus for a projection lamp, comprising:

a base which has two adjusting devices on side surfaces and has a container with at least one guide-groove on the bottom;

an adjusting module which is placed inside said container, one end of said adjusting device pressing to a surface of said adjusting module which comprises two adjusting plates, guide-grooves and guide-pins being formed upon said adjusting plate, one adjusting plate placing said guide-pins in accordance with said guide-grooves of said base, the other adjusting plate connecting to a lamp; and

a cover which is place on a top surface of said container.

[c2] 2. The adjusting apparatus for a projection lamp according to claim 1, wherein said adjusting devices are moved parallel to the length direction of said guide-grooves.

[c3] 3. The adjusting apparatus for a projection lamp according to claim 1, wherein said cover has a window, the dimensions of said window smaller

than the dimensions of said adjusting plate.

- [c4] 4.The adjusting apparatus for a projection lamp according to claim 1, wherein said guide-grooves have repositioning devices inside, two ends of said repositioning device respectively pressing to said guide-pin and to a surface of said guide groove.
- [c5] 5.The adjusting apparatus for a projection lamp according to claim 4, wherein said repositioning devices could be springs.
- [c6] 6.Anadjusting apparatus for a projection lamp, comprising:
 - a base which has at least one adjusting device on a side surface and has a container with at least one guide-groove on the bottom;
 - an adjusting module placed inside said container, which comprises two adjusting plates, guide-grooves and guide-pins being formed upon said adjusting plate, one adjusting plate placing said guide-pins in accordance with said guide-grooves of said base, the other adjusting plate connecting to a lamp; and
 - a cover which is place on a top surface of said container.
- [c7] 7.The adjusting apparatus for a projection lamp according to claim 6, wherein said adjusting devices are moved

parallel to the length direction of said guide-grooves.

- [c8] 8.The adjusting apparatus for a projection lamp according to claim 6, wherein said cover has a window, the dimensions of said window smaller than the dimensions of said adjusting plate.
- [c9] 9.The adjusting apparatus for a projection lamp according to claim 6, wherein one end of said adjusting devices are pressed to said adjusting plate, on side surfaces of said base having at least one repositioning device in accordance with the position of said adjusting devices, one end of said repositioning device being fixed to side surface of said base, and the other end pressing to side surface of said adjusting plate.
- [c10] 10.The adjusting apparatus for a projection lamp according to claim 9, wherein said repositioning devices could be springs.
- [c11] 11.The adjusting apparatus for a projection lamp according to claim 9, wherein said repositioning devices could be elastic elements.
- [c12] 12.Anadjusting apparatus for a projection lamp, comprising:
a base which has at least one adjusting device on a side surface and has a container with at least one guide-

groove on the bottom;
an adjusting module placed inside said container, which comprises a fixing plate and two adjusting, one end of said adjusting device pressing to a side surface of said adjusting plate, adjacent surfaces of said fixing plates having slide-grooves and connecting to a lamp, said adjusting device placing inside said slide-groove , said adjusting plate placing guide-pins in accordance with said guide-grooves; and
a cover which is place on a top surface of said container.

- [c13] 13.The adjusting apparatus for a projection lamp according to claim 12, wherein said adjusting devices are moved parallel to the length direction of said guide-grooves.
- [c14] 14.The adjusting apparatus for a projection lamp according to claim 12, wherein said cover has a window, the dimensions of said window smaller than the dimensions of said adjusting plate.
- [c15] 15.The adjusting apparatus for a projection lamp according to claim 12, wherein on side surfaces of said base have at least one repositioning device in accordance with the position of said adjusting devices, one end of said repositioning device being fixed to side surface of said base and the other end pressing to side surface of

said fixing plate.

- [c16] 16.The adjusting apparatus for a projection lamp according to claim 15, wherein said repositioning devices could be springs.
- [c17] 17.The adjusting apparatus for a projection lamp according to claim 15, wherein said repositioning devices could be elastic elements.
- [c18] 18.The adjusting apparatus for a projection lamp according to claim 15, wherein said repositioning devices could be plastic devices.
- [c19] 19.The adjusting apparatus for a projection lamp according to claim 15, wherein said repositioning devices could be elastic deformation frames of said base.